

▶ Chlorination system M 20 RC

- **Capacity: up to 15 kg/h**
- Full vacuum system for maximum safety
- Chlorine wetted parts made of high quality materials for maximum reliability



GENERAL

The M 20 RC Chlorination System is designed for dosing gas chlorine and with minor alterations also for other gases, working on the indirect vacuum principle.

The **M 20 RC System** consists of:

- **M 20 C** vacuum regulator with rate valve
- **M 300 C** ejector

Dosing can be set manually with the rate valve on the regulator. It starts or stops when the ejector pump switches on or off.

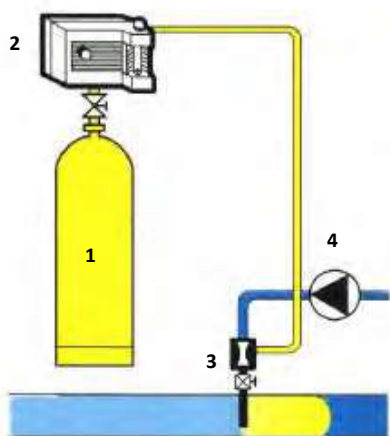
INSTALLATION

It is very simple to mount vacuum regulators. However, installation of the devices must be done by qualified experts taking in consideration all required international standards in order to ensure safe and faultless operation.

An authorized service must overhaul the system once a year.

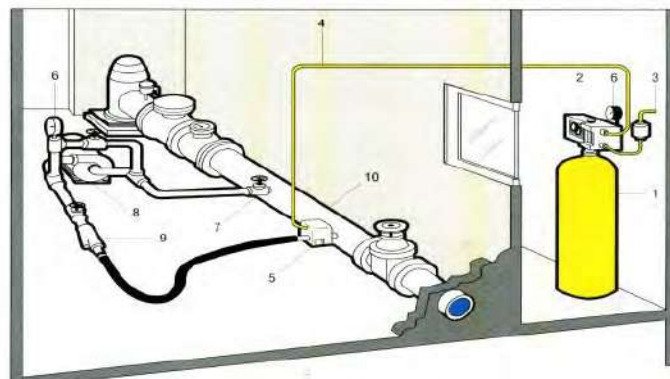


OPERATION PRINCIPLE



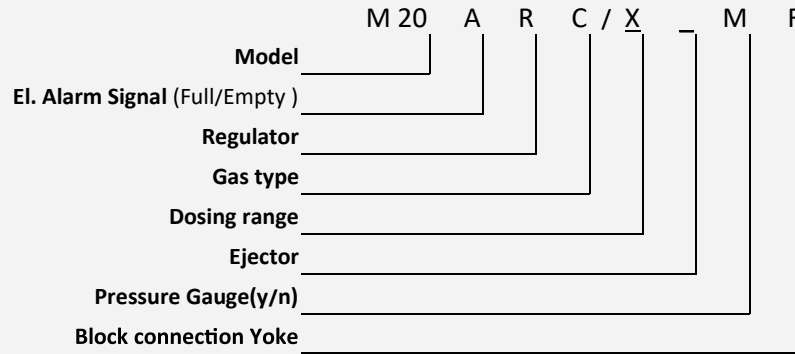
1. Chlorine cylinder
2. Vacuum regulator
3. Ejector
4. Booster pump

Typical Vacuum Installation from The Chlorine Cylinder to the Ejector



1. Chlorine cylinder
2. Gas Chlorine Regulator
3. Outlet
4. Vacuum line
5. Ejector
6. Pressure Gauge
7. Rate Valve
8. Booster Pump
9. Filth filter
10. Collector Line for use

ORDER CODES



OPTIONS:

- **Alarm:** yes "A", without alarm the letter is not written in the code
- **Regulator:** "R", means system with all general parts
- **Gas type:** "C" - Cl₂, "CO₂" - CO₂, "S" - SO₂, "N" - NH₃
- **Dosing range (g/h):**
 - 1 up to 12
 - 2 up to 25
 - 3 up to 100
 - 4 up to 200
 - 5 up to 500
 - 6 up to 1000
 - 7 up to 2000
 - 8 up to 4000
 - 9 up to 10000
 - 15 up to 15000
- **Ejector:** "B" - **D.P.T.** : Ejector with PVC valves designed for pool engineering, (pressure up to 6 bar)
 - "T" - **Reinforced ejector:** is used with pressure higher than 6 bar
 - "P" - **Ejector with connection cock** for dismantling under pressure (up to 3 bar, max 4 kg/h)
- **Pressure gauge:** yes "M", without it the letter is not written in the code
- **Yoke:** for clamp type yoke, the letter "F" is written in the code

TECHNICAL DATA



Accuracy: Within 4% of flow
Operating range: 20 : 1
Weight:
 Nett: 4,7 kg
 Gross: 7,4 kg
Packaging dimensions: 600 x 400 x 400mm

Connections

Vacuum (up to 15m):
 2 kg/h – d8/d10
 4 kg/h – d8/d10
 10 kg/h – d12/d16
 15 kg/h – d12/d16
 For larger vacuum lines, see table:
 Chlorine vacuum line size requirements

Connection to the cylinder
 1" (complies with DIN 477)

Ejector connection:
 See product info for ejectors M 300.